



Washington  
Department of  
**FISH and  
WILDLIFE**

## **FISHERIES RESTORATION AND IRRIGATION MITIGATION PROGRAM**



### **Washington Fish Screening or Fish Passage Project Application**

#### **Instructions for Consideration for Fish Screening and Passage Project Cost-share Funding EXTENSION October 15, 2004**

##### **Background**

In 2000, the United States Congress passed the Fisheries Restoration and Irrigation Mitigation Act (PL. 106-502). FRIMA creates a partnership program of federal and state fish screening and passage for the Pacific Northwest. This Act provides the authority for the US Fish and Wildlife Service (USFWS) to create a voluntary fish screen construction program for water withdrawal projects in Idaho, Oregon, Washington, and western Montana. Washington has received almost \$2 million in funds to since 2002. Appropriations have not yet been made for FY2005. The purpose of this program is to match federal funds with local, state, and tribal programs to increase fish survival, reduce entrainment in water distribution systems, and increase access to productive fish habitat.

##### **Project Eligibility Criteria Fish Restoration and Irrigation Mitigation Program**

1. Project includes design, construction, and installation of fish screens, fish passage devices and other related features\* which are associated with an irrigation or other water diversion or is a project inventory proposal from a lead state agency (typically a state fish and wildlife agency or federally recognized tribe in partnership with a state)
2. Project is located within the states of Idaho, Oregon, Washington, or in Montana west of the continental divide
3. Project intent is to reduce fish mortality, reduce entrainment of fish in water distribution systems, or increase subsequent survival and reproductive success of fish species native to and present in the project area
4. Project application includes commitment by one or more project operators or sponsors to assume all operation and maintenance costs for the life of the project
5. For most projects, one or more applicants must be local government entities (regional, county, municipal, or service district). Projects on tribal lands are to be sponsored or co-sponsored by tribal governments. Projects at federally owned facilities or on federal lands may be sponsored by the owning

agency in partnership with a local government co-applicant.

6. Project application demonstrates commitment of at least 35% of total project cost from funding sources other than FRIMA. In the case of projects not under federal ownership, this cost share must be from a non-federal funding source. (Non-program cost share may include in kind costs such as labor, equipment, fill material, material disposal areas, lands, easements, right-of-ways, relocations and other such project requirements)

7. Project application states that federal funding is not being received from any other source for the same specific project purpose and that the action is not for compliance with conditions of an existing FERC license or other specific mitigation action for which applicant/operator funding is required.

8. Project application demonstrates prior coordination with applicable state fish screening entity (normally state fish and wildlife agency) and appropriate FWS field office.

9. Project application demonstrates coordination underway or completed for all regulatory review or approval actions with state and federal resource managers necessary for project construction or installation.

10. Project application demonstrates coordination with and documents approval by project owner/operator and, if necessary, by adjacent landowner(s) for required construction access.

\* related project features include modifications to associated water diversion structures which are required for effective operation of upstream or downstream fish passage improvements or restoration

## **Project Review**

A team of local, state, tribal, and federal reviewers will rank project applications in Washington and recommend projects for funding under this program. In making their recommendations the review team will evaluate the proposals based on the evaluation criteria and points system contained in this application. Additionally, evaluation teams will determine whether the application clearly documents that the project meets program eligibility requirements. The review team will also consider the magnitude of benefits anticipated to native fish species including improved survival and habitat access, cost effectiveness in achieving those benefits, and likelihood of success of the project as proposed. Additional consideration will be given to projects that benefit species in special conservation status such as federally endangered species and projects that are elements of conservation or recovery plans. Applications will also be evaluated on the degree of partner involvement and contribution, the thoroughness of coordination with other affected or interested parties, opportunities for additional biological benefits or water use efficiencies, and the status of completion of applicable regulatory reviews. Eligibility and ranking checklists are attached to assist in developing successful applications.

## **Timeline**

Project proposals are being sought for consideration for cost share funding in 2005. To be considered for 2005 funding projects must be in an advanced state of development and capable of completion of all pre-construction requirements (i.e., obtaining all necessary permits and approvals) on an accelerated schedule. **To be considered for 2005 funding applications must be received by WDFW no later than October 15, 2004.**

## **Location to Submit Proposals**

Washington Department of Fish and Wildlife  
Attn: Kristi Lynett  
600 Capitol Way North  
Olympia, WA 98501-1091

## **WDFW Points of Contact**

For questions on the application process, call Kristi Lynett, 360/902-2237. For budget questions, call Bill Brooks (360) 902-2434.

## **USFWS Points of Contact**

Jerry VanMeter  
U.S. Fish and Wildlife Service  
Pacific Region - Fishery Resources  
911 NE 11<sup>th</sup> Avenue  
Portland, OR 97232  
503-231-6217; jerry\_vanmeter@fws.gov

Malenna Cappellini  
U.S. Fish and Wildlife Service  
Mid-Columbia River Fishery Resource Office  
7501 Icicle Road  
Leavenworth, WA 98826  
509-548-7573; malenna\_cappellini@fws.gov

Brian Peck  
U.S. Fish and Wildlife Service  
Western Washington Fish and Wildlife Office  
510 Desmond Drive SE, Suite 102  
Lacey, WA 98503  
360-753-8084; brian\_peck@fws.gov

## **Application Materials**

In order to be considered for cost-share funding under this partnership program an applicant or co-applicants must complete the appropriate application package for your state geographic area. This package includes application forms in use by state agencies within your state plus a supplemental information sheet to facilitate specific review for eligibility and ranking under this program. The use of appropriate application materials for your state are intended to reduce required formats for project descriptions and to facilitate coordination with local and state government. Applicants should be mindful that they are competing for limited project dollars. The more complete and detailed the application, the better the chance of a favorable outcome.

# Fisheries Restoration and Irrigation Mitigation Program

## Some Questions and Answers to Assist Applicants

**1. What types of projects are eligible for cost-share funding under this program?** Project proposals which are eligible for consideration include design, construction, and installation of fish screens, fish ladders, and other fish passage devices associated with water diversions located in Idaho, Oregon, Washington, and western Montana. Projects may include modifications to water diversion structures which are required for effective functioning of fish screens and other upstream or downstream fish passage improvements. The intent of the proposed diversion improvements must be to reduce fish mortality, reduce entrainment of fish in water distribution systems, or increase subsequent survival and reproductive success of fish species native to and present in the project area. Designated state agencies may also submit proposals to inventory eligible screening and passage needs.

**2. What constitutes an eligible water diversion?** Water diversions are gravity flow or pump driven projects which divert water out of natural or altered stream channels for beneficial uses including agricultural, municipal, industrial, recreational, water quality or other purposes. Culverts and tide gates are not water diversions. Pumping projects operated to reduce high water levels on agricultural or other lands may meet eligibility requirements.

**3. How do I determine the presence of native species and estimate the benefits my project improvements will have for those species?** The U.S. Fish and Wildlife Service or your state fish and wildlife agency can assist you in determining presence of native fish and other aquatic species at your project site and provide guidance on beneficial effects of proposed screening or passage improvements.

**4. Who may apply for cost share funding within this program?** Local governments including counties, cities, towns, regional governments, and service districts such as Soil and Water Conservation Districts, Irrigation Districts and Port Districts may apply for cost share funding of eligible projects. Local governments may partner with other applicants to submit joint proposals. It is anticipated that many projects will be located on privately held, state-owned or federally-owned land. It is expected that the land owner or owning agency would typically be a co-applicant in such instances. In instances where a state agency is meeting some cost share or other project requirements, it is anticipated that they would be a co-applicant. Tribal governments may submit proposals for projects on tribal lands and may partner with other eligible applicants for projects that are not located on tribal lands. Partnerships exhibiting strong community and government support are encouraged and will be given priority consideration.

**5. How may an applicant meet the cost share requirement of 35% or more of the project cost?** The project applicant(s) must provide at least 35% of the cost of design, fabrication, and installation of the proposed screening or passage project. Part or all of this cost share requirement may be met by in kind contributions including services, equipment, supplies, easements, fill material, disposal sites or other project requirements of documented value. With the exception of federally owned projects or projects on federal lands, this cost share requirement must be met with non-federal funds and in kind contributions.

**6. What other requirements must be met by the project applicant(s)?** The applicant(s) must meet all other local, state, and federal requirements for construction and operation of the diversion project and proposed improvements including required permits and other approvals. The applicant(s) are also responsible for operation and maintenance costs of the project. This operation and maintenance responsibility may be met by the project applicant(s) or by a binding commitment from another responsible party.

For more information on project eligibility, please contact Jerry VanMeter, USFWS-Pacific Region at 503-231-6217 or <jerry\_vanmeter@fws.gov>

**Attached Documents**

- State Application (please include supporting materials i.e. map to site, photos, drawings, plans, hydrologic or hydraulic analyses)
  - o Applicant Information
  - o Project Information
  - o Project Cost Estimate
  - o Status of Permits
  - o Grant Conditions (signed)
  - o Definitions
- Supplemental Information Sheet for Consideration for Project Cost-share Funding
- Project Ranking Criteria

WDFW Only  
Project #

## APPLICANT INFORMATION

Please type or print legibly in dark ink.

**Landowner Name:** \_\_\_\_\_

*(If diversion is located on another landowner's property, enter water user's name in above space)*

**Co-owner Name:** \_\_\_\_\_

**Business Name:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**Work Phone:** (    ) \_\_\_\_\_ **Ext:** \_\_\_\_\_

**Home Phone:** (    ) \_\_\_\_\_ **Other Phone:** (    ) \_\_\_\_\_

**Fax:** (    ) \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Contact Person (if different than landowner):** \_\_\_\_\_

**Contact Person's Title:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**Work Phone:** (    ) \_\_\_\_\_ **Ext:** \_\_\_\_\_

**Fax:** (    ) \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**WDFW Contact:** \_\_\_\_\_

**Work Phone:** (    ) \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**USFWS Contact:** \_\_\_\_\_

**Work Phone:** (    ) \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Water Permit #:** \_\_\_\_\_ **Water Certificate #:** \_\_\_\_\_

**Permit Date:** \_\_\_\_\_ **Certificate Date:** \_\_\_\_\_

**Permit Character:** \_\_\_\_\_ **Certificate Type:** \_\_\_\_\_

**Is this a hydropower project?**    Yes \_\_\_ No \_\_\_

(Continued on next page)

WDFW Only  
Project #

## PROJECT INFORMATION

**PROJECT TYPE:** Specify type of project, i.e. fish ladder, pump or belt screen, etc.

**Passage** \_\_\_\_\_ **Combo** \_\_\_\_\_

**Screening** \_\_\_\_\_ **Flow Rate (Screens only)** \_\_\_\_\_  
(In cfs, where 1 cfs = 449 gpm)

**Water Use Purpose:** \_\_\_\_\_ **Water Use Months:** \_\_\_\_\_

**SUMMARY OF PROJECT DESCRIPTION:** Briefly describe the project.

---

---

---

---

**PROJECT DESCRIPTION:** Please use additional pages to describe the project, history or background, techniques to be used, major project features, construction timing, etc. Attach site map(s), photos, drawings and/or plans.

---

**PROJECT LOCATION:** County \_\_\_\_\_ **WRIA** \_\_\_\_\_ **Parcel #(s)** \_\_\_\_\_

**Stream Name:** \_\_\_\_\_ **Tributary to:** \_\_\_\_\_

**Latitude** \_\_\_\_\_ **Longitude** \_\_\_\_\_  
(Must be in decimal degrees, e.g. 47.83107°N, 120.03057°W.)

**ESTIMATED TOTAL COST:** \$ \_\_\_\_\_

(See next page for cost breakdown worksheet: Design/engineering, construction, materials, etc.)

**PARTNER CONTRIBUTIONS** (if applicable): List the names of project partner organizations, the amount of their contribution, and indicate whether the contribution is CASH or IN-KIND (specify type of in-kind work).

Other Contributors	Cash	In-Kind
	\$	
	\$	
	\$	

**COST-SHARE GRANT AMOUNT REQUESTED:** \$ \_\_\_\_\_ (PLEASE CALL KRISTI LYNETT, WDFW  
360.902.2237 FOR A CURRENT BUDGET SHEET )

## FRIMA Grant Application

### Status of Permits

**Check the appropriate boxes to indicate required and/or anticipated permits.**

---

- |                                                              |                           |
|--------------------------------------------------------------|---------------------------|
| <input type="checkbox"/> Aquatic Lands Authorization         | Dept Natural Resources    |
| <input type="checkbox"/> Building Permit                     | City/county               |
| <input type="checkbox"/> Clearing and Grading                | City/county               |
| <input type="checkbox"/> Cultural Assessment (Section 106)   | CTED-OAHP)                |
| <input type="checkbox"/> Dredge/Fill Permit (Section 10/404) | Army Corps of Engineers   |
| <input type="checkbox"/> Endangered Species Act Compliance   | USFWS and NMFS            |
| <input type="checkbox"/> Forest Practices Application        | Dept Natural Resources    |
| <input type="checkbox"/> Health Permit                       | Dept of Health/County     |
| <input type="checkbox"/> Hydraulics Project Approval         | Dept of Fish and Wildlife |
| <input type="checkbox"/> NEPA                                | EPA                       |
| <input type="checkbox"/> SEPA                                | Local or State            |
| <input type="checkbox"/> Shoreline Permit                    | City/county               |
| <input type="checkbox"/> Water Quality Certificate (401)     | Dept of Ecology           |
| <input type="checkbox"/> Water Rights/Well Drilling Permit   | Dept of Ecology           |
| <input type="checkbox"/> Other Required Permits (identify)   |                           |
| <input type="checkbox"/> None -- No Permits Required         |                           |



WDFW Only  
Project #

## GRANT CONDITIONS

- Grant monies shall be disbursed after costs and progress reports have been submitted to WDFW. Final payment will be made to grantee upon satisfactory completion of the project and a final site visit by WDFW. The applicant shall maintain accounting records pertaining to this agreement according to generally accepted accounting principles and shall make all relevant records, documents and reports available to the Washington Department of Fish and Wildlife (WDFW) for the purpose of audit examination if requested by the Department.
- Fish screening or by-pass device maintenance: Grantee shall be responsible for maintenance of the project, which means periodic inspection, cleaning and servicing of the devices at such times and in such manner as to ensure proper operation of the device.
- Fish passage project maintenance: Grantee is responsible for all fishway repair and maintenance to keep it free from obstruction to the passage of fish at all times.
- Grantee is responsible for obtaining all necessary local, state, and federal permits and approvals prior to performing the project.
- WDFW shall have the right of ingress and egress to and from the project areas, doing no unnecessary injury to the property of the landowner, for the purpose of designing, installing, inspecting, performing major maintenance on or repairing said projects, and/or determining the adequacy of construction and compliance with project plans and provision of the grant agreement.

**My signature below certifies my acceptance of the above-listed grant conditions.**

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Title)

## DEFINITIONS

<b>By-pass Device:</b>	Any pipe, flume, open channel or other means of conveyance that transports fish back to the body of water from which the fish were diverted.
<b>Fishway:</b>	A device providing adequate upstream and downstream passage for fish at dams and artificial obstructions.
<b>Fish Screen:</b>	A screen, bar, rack or other barrier, including related improvements necessary to ensure its effective operation, to provide adequate protection for fish populations present at a water diversion.
<b>Minor Maintenance:</b>	Periodic inspection, cleaning and servicing of a fish screening or by-pass device at such times and in such manner as to ensure proper operation of the screening or by-pass device.
<b>Major Maintenance:</b>	All maintenance work done on a fish screening or by-pass device other than minor maintenance.
<b>Net certified cost of installation:</b>	The actual cost of design, construction and installation of fish protection device as certified by the Department.

**\* \* \* Please Retain A Copy of This Application for Your Records \* \* \***

## Supplemental Information Sheet for Consideration for Project Cost-share Funding

The following information is required to supplement the project application information including on the appropriate state fish screening and passage project application form. To facilitate review of your proposal please be sure that the project description contained in the state application and attachments clearly describes your proposed actions, anticipated benefits, and estimated costs.

**Eligibility** (where appropriate, circle yes or no) -

1. Project is for the purpose of screening a water diversion to increase survival and reduce entrainment of fish species native to the project area Y N
2. Project is for the purpose of providing or improving access to aquatic habitat for fish species native to the project area Y N
3. Indicate the party or parties accepting responsibility for operation and maintenance costs of screening and passage facilities (attached letter documenting this commitment)  

---
4. Identify the cost share commitment of project applicants or cosponsors - must be at 35% of project costs and must be non-federal funds unless project is on federal land (attach letter documenting this commitment including determination of value of any in-kind contributions)  

---
5. Applicant(s) verify that federal funding is not being received from any other source for this same specific project purpose and that this action is not for the purpose of compliance with an FERC license requirement (if your response is not positive your project is ineligible) Y N
6. Identify contacts that have been made with USFWS, state F&W agency, and/or tribal F&W office concerning this project (attach communications if appropriate)  

---
7. Identify regulatory reviews or approvals that will be needed prior to the construction or installation of this project, indicate steps already completed to accomplish this.  

---
8. Are the project operator and the owner of lands where the project will be sited and lands required for construction access project applicants or co-applicants (if not, attach documentation indicating coordination and concurrence) Y N

**Additional project information –**

(attach supplemental or explanatory information where appropriate)

9. Identify the fish species native to the project area that will benefit from this proposal, indicate if any of those species are listed on the federal Endangered Species List or have other special conservation status

---

10. Estimate the increase in survival to native fish species in percentage and/or number of fish attributable to the proposed project (identify the basis for your estimate)

---

11. Estimate the amount and type of additional habitat that will be accessed or more completely utilized as a result of this project

---

12. Indicate why you believe that the proposal will be both successful and cost effective in achieving the above benefits

---

13. Does installation of this project provide additional opportunities for other biological benefits or increase efficiency of water use

---

14. Identify the time period within which project design, pre-construction approvals, and project construction can be completed (indicate the basis of your estimate)

---

15. How does this proposed project fit into your area's Lead Entity Project Prioritization Strategy?

---

16. What is your timeframe for securing all necessary permits?

---

## PROJECT RANKING CRITERIA

*The following criteria will be used by Washington's evaluation team in reviewing and ranking project proposals. Project applicants are encouraged to develop proposals that maximize their potential score and to provide sufficient information to enable the review team to fully understand and rate the projects.*

*You are strongly encouraged to provide written responses to these evaluation criteria.*

### **Project Ranking Criteria Fish Restoration and Irrigation Mitigation Program**

1. Project increases survival and reproductive success of fish species native to the project area. Special consideration is given to fish species in depleted or special conservation status including ESA listings. 30 pts.
2. Project increases area of productive habitat accessible or utilized by native fish species present in the project area, consider benefits to multiple species or other watershed productivity implications. 15 pts.
3. Project is a measure identified in specific fish management, conservation, or recovery plan or other formally adopted management program. 5 pts.
4. Proposed project techniques and methodology have a high degree of likelihood of achieving proposed results under the full range of normally experienced operating conditions. Project demonstrates cost effectiveness in achieving project purposes compared to similar projects and alternative means of achieving the same proposed result. 20 pts.
5. Project is associated with an irrigation water diversion or point of irrigation water withdrawal. 5 pts.
6. Project provides additional opportunities for biological benefits or saving of water for other instream or agricultural uses. 5 pts. (note: such opportunities need not be part of the proposed project nor need they be eligible for FRIMA funding)
7. Project proposal makes maximum effective use of program funds by involving other non-federal funding sources in the proposed project and funding from all sources in related restoration activities. Application demonstrates thorough project coordination with appropriate federal, state, local, and private entities including local landowners. 10 pts.
8. Project can be completed and yield proposed benefits in a timely manner (in the case of FY 2005 applications, operational no later than 9/30/06). Assess whether project application identifies and demonstrates approval or substantial progress toward approval of all regulatory requirements required for construction or installation. 10 pts.